

Author Index

- Agudo, M. 193
Ambe, Y. 49
Andersen, A. 527
Andrási, E. 399
- Backhaus, F. 447
Bagschik, U. 447
Beach, A.C. 515
Becker, P.R. 69, 323, 365
Bezúr, L. 399
Bobovnikova, T. 357
Borzilov, V.A. 197
Brune, D. 157
Burow, M. 365, 447
Byrne, A.R. 411, 447
- Chutke, N.L. 421
Cunha, I.I.L. 431
- Demiralp, R. 365
Dibtseva, A. 357
Diels, L. 471
Dmowski, K. 251
- Eckard, R. 507
Edmonds, C.J. 175
Erneyi, L. 399
- Foster, N. 97
Froning, M. 437, 447
- Garg, A.N. 421
Garrigues, P. 225
Gerhardsson, L. 157
Giege, B. 37
Golimowski, J. 251
Grimmer, G. 307
- Hahn, E. 259
Hahn, K. 259
Hildebrandt, A. 307
- Holm, J. 237
Hyatt, W.H. 123
- Jacob, J. 307
Jayasekera, R. 139
Jekat, F.W. 507
Jellum, E. 527
- Keir, M.J. 123
Kemper, F.H. 13, 507
Kerry, A. 175
Kettrup, A. 387
Keune, H. 537
Klein, R. 203
Kloster, G. 479
Klump, E. 479
Koster, B.J. 1, 69, 323, 365
Kovnatsky, E.F. 271
Kryshev, I.I. 279
- Lafaurie, M. 225
Landon, L. 175
Langland, J.K. 1
Lemaire, P. 225
Lillestolen, T.I. 97
Lund-Larsen, P. 527
Lundström, N.-G. 157
- Majláthová, L. 143
Martin, L.S. 459
Mergeay, M. 471
Michel, X. 225
Mitroshkov, A. 357
Mohl, C. 437, 447
Monod, J.L. 225
Munita, C.S. 431
- Narbonne, J.F. 225
Nordberg, G. 157
Norén, K. 347
- Odsjö, T. 37, 147
Orjasaeter, H. 527
Ostapczuk, P. 365, 403, 437, 447
Oxynos, K. 387
- Paiva, R.P. 431
Pleskachevskaya, G. 357
Poulsen, M.E. 61
Pritzl, G. 61
- Raoux, C. 225
Reddy, S.J. 437
Réffy, A. 399
Ribera, D. 225
Rodriguez, D. 193
Rolny, D. 143
Romeo, M. 225
Rosival, L. 143
Rossbach, M. 139, 411, 447
Ryabov, I.N. 279
- Salaun, J.P. 225
Sanders, B.M. 459
Sáray, I. 399
Sazykina, T.G. 279, 287
Schantz, M.M. 323
Schladot, J.D. 27, 447
Schmitzer, J. 387
Schwuger, M.J. 27, 479
Springael, D. 471
Spyrou, N.M. 515
Stoeppler, M. 27, 259, 403, 411, 447
Stone, S.F. 403
Stöcker, G. 491
Subramanian, K.S. 109
Suhajda, M. 399
Sukasem, P. 297
Surnin, V.A. 271

Tabucanon, M.S. 297
Teixeira, A. 431
Theodorsen, L. 527
Top, E. 471
Trnovec, T. 143
van der Lelie, N. 471

Wagner, G. 213
Waidmann, E. 447
Weginwar, R.G. 421
Wester, P.O. 157
Whittle, D.M. 123
Wise, S.A. 1, 69, 97, 323,
365

Yonker, T.L. 175
Zeisler, R. 1, 69, 365, 403,
447

Subject Index

- Accident area, data bank, Chernobyl NPP, ecological monitoring, 197
- Accumulation, environmental chemicals, effects, ecotoxicology, retrospective analysis, screening, 213
- Accumulation, pollutant, leaching, biological specimens, dynamic, evaluation, 491
- Air pollution, polycyclic aromatic hydrocarbons, passive sampler, benzo[a]pyrene, 307
- Alaska, biological specimen banking, Arctic research, AMMTAP, 69
- AMMTAP, biological specimen banking, Alaska, Arctic research, 69
- Analytical approach, environmental specimen bank, cryogenic storage, bioaccumulation, monitoring, 27
- Animal specimens, specimen banking, terrestrial ecosystems, limnetic ecosystems, German programme, 203
- Antimony, radiochemical NAA, iron, cobalt, zinc, selenium, environmental samples, 421
- Arctic research, biological specimen banking, Alaska, AMMTAP, 69
- Arsenic, copper, lead, non-ferrous metallurgy, vegetation sample bank, 271
- Babies, pollution, polychlorinated biphenyls, breast milk, diathesis, 357
- Benzo[a]pyrene, polycyclic aromatic hydrocarbons, passive sampler, air pollution, 307
- Bioaccumulation, environmental specimen bank, cryogenic storage, monitoring, analytical approach, 27
- Biodiversity, conservation, natural resources, Venezuela, 193
- Bioindication, bird feathers, heavy metals, 259
- Bioindicator, herring gull eggs, chlorinated hydrocarbons, North Sea Coast, 387
- Bioindicators, environmental specimen banking, pollution monitoring, tropical countries, 139
- Bioindicators, roe deer, contaminants, liver, time of sampling, 237
- Biological materials, neutron activation analysis, INAA, RNAA, PGNAA, specimen bank, fingerprint, 411
- Biological reference materials, environmental specimen bank, spruce shoots, cryogenic homogenization, fingerprint, 447
- Biological specimen banking, Alaska, Arctic research, AMMTAP, 69
- Biological specimens, pollutant, accumulation, leaching, dynamic, evaluation, 491
- Biomarker, stress proteins, heat-shock proteins, 459
- Biomonitoring, birds, feathers, heavy metals, pollution, 251
- Bird feathers, bioindication, heavy metals, 259
- Birds, biomonitoring, feathers, heavy metals, pollution, 251
- Blood donors, serum-bank, cancer markers, premorbid samples, environmental pollutants, consecutive serum samples, 527
- Blue-green algae, cooling pond, monitoring, phytoplankton, succession, 287
- Brazil, cesium-137, seawater, fish, coastal waters, 431
- Breast milk, pollution, polychlorinated biphenyls, babies, diathesis, 357
- Canada, specimen bank, human tissues, environmental health, 109
- Cancer markers, serum-bank, premorbid samples, environmental pollutants, consecutive serum samples, blood donors, 527
- Cesium-137, seawater, fish, coastal waters, Brazil, 431

- Chemical analysis, surfactants, complexing agents, environmental occurrence, effects on soil components, specimen banking, 479
- Chernobyl NPP, data bank, accident area, ecological monitoring, 197
- Chlorinated hydrocarbons, bioindicator, herring gull eggs, North Sea Coast, 387
- Chlorinated pesticides, polychlorinated biphenyls (PCBs), marine mammals, chromatography, 323
- Chromatography, polychlorinated biphenyls (PCBs), chlorinated pesticides, marine mammals, 323
- Clinical toxicology, environmental specimen bank, human body-burdens, poisons control, 507
- Coastal waters, cesium-137, seawater, fish, Brazil, 431
- Cobalt, radiochemical NAA, iron, zinc, antimony, selenium, environmental samples, 421
- Complexing agents, surfactants, chemical analysis, environmental occurrence, effects on soil components, specimen banking, 479
- Consecutive serum samples, serum-bank, cancer markers, premorbid samples, environmental pollutants, blood donors, 527
- Conservation, biodiversity, natural resources, Venezuela, 193
- Contaminant monitoring, environmental specimen bank, pollution, Sweden, 147
- Contaminant monitoring, marine mammals, quality assurance, specimen banking, standard networks, 97
- Contaminants, roe deer, bioindicators, liver, time of sampling, 237
- Cooling pond, monitoring, phytoplankton, succession, blue-green algae, 287
- Copper, arsenic, lead, non-ferrous metallurgy, vegetation sample bank, 271
- Costs, environment, retrospective, future, environmental specimen bank, strategy, 61
- Cryogenic homogenization, environmental specimen bank, biological reference materials, spruce shoots, fingerprint, 447
- Cryogenic storage, environmental specimen bank, bioaccumulation, monitoring, analytical approach, 27
- Data bank, accident area, Chernobyl NPP, ecological monitoring, 197
- Data bank, fish, radioactive contamination, doses, 279
- Diathesis, pollution, polychlorinated biphenyls, breast milk, babies, 357
- DNA probes, plasmid capture, environmental genes, 471
- Doses, fish, data bank, radioactive contamination, 279
- Dynamic, pollutant, accumulation, leaching, biological specimens, evaluation, 491
- Ecological monitoring, data bank, accident area, Chernobyl NPP, 197
- Ecological monitoring, environmental specimen banking (ESB), harmonization, 537
- Ecotoxicology, environmental chemicals, accumulation, effects, retrospective analysis, screening, 213
- Ecotoxicology, environmental specimen bank, monitoring, harmful substances, 37
- Effects on soil components, surfactants, complexing agents, chemical analysis, environmental occurrence, specimen banking, 479
- Effects, environmental chemicals, accumulation, ecotoxicology, retrospective analysis, screening, 213
- Elements, normal human brain, glioblastoma multiforme, 399
- Environment, retrospective, future, environmental specimen bank, strategy, costs, 61
- Environment, specimen banking, samples, Slovakia, 143
- Environmental chemicals, accumulation, effects, ecotoxicology, retrospective analysis, screening, 213
- Environmental genes, DNA probes, plasmid capture, 471

- Environmental health, specimen bank, human tissues, Canada, 109
- Environmental monitoring, environmental specimen banking, storage experiment, retrospective analysis, organic tin, 49
- Environmental monitoring, marine mammals, organic contaminants, specimen banking, 1
- Environmental occurrence, surfactants, complexing agents, chemical analysis, effects on soil components, specimen banking, 479
- Environmental pollutants, serum-bank, cancer markers, premorbid samples, consecutive serum samples, blood donors, 527
- Environmental samples, radiochemical NAA, iron, cobalt, zinc, antimony, selenium, 421
- Environmental specimen bank, biological reference materials, spruce shoots, cryogenic homogenization, fingerprint, 447
- Environmental specimen bank, clinical toxicology, human body-burdens, poisons control, 507
- Environmental specimen bank, contaminant monitoring, pollution, Sweden, 147
- Environmental specimen bank, cryogenic storage, bioaccumulation, monitoring, analytical approach, 27
- Environmental specimen bank, environment, retrospective, future, strategy, costs, 61
- Environmental specimen banking (ESB), ecological monitoring, harmonization, 537
- Environmental specimen banking, environmental monitoring, storage experiment, retrospective analysis, organic tin, 49
- Environmental specimen banking, pollution monitoring, tropical countries, bioindicators, 139
- Environmental specimen bank, ecotoxicology, monitoring, harmful substances, 37
- Evaluation, pollutant, accumulation, leaching, biological specimens, dynamic, 491
- Feathers, biomonitoring, birds, heavy metals, pollution, 251
- Fingerprint, environmental specimen bank, biological reference materials, spruce shoots, cryogenic homogenization, 447
- Fingerprint, neutron activation analysis, INAA, RNAA, PGNAA, biological materials, specimen bank, 411
- Fish, cesium-137, seawater, coastal waters, Brazil, 431
- Fish, data bank, radioactive contamination, doses, 279
- Fish, specimen banking, homogenized tissue, 123
- Future, environment, retrospective, environmental specimen bank, strategy, costs, 61
- German programme, specimen banking, animal specimens, terrestrial ecosystems, limnetic ecosystems, 203
- Glioblastoma multiforme, elements, normal human brain, 399
- Great Lakes, specimen bank, 175
- Gulf of Thailand, spatial distribution, nickel, manganese, mussel, 297
- Harmful substances, environmental specimen bank, ecotoxicology, monitoring, 37
- Harmonization, environmental specimen banking (ESB), ecological monitoring, 537
- Heat-shock proteins, stress proteins, biomarker, 459
- Heavy metals, bioindication, bird feathers, 259
- Heavy metals, biomonitoring, birds, feathers, pollution, 251
- Herring gull eggs, bioindicator, chlorinated hydrocarbons, North Sea Coast, 387
- Homogenized tissue, fish, specimen banking, 123
- Human body-burdens, clinical toxicology, environmental specimen bank, poisons control, 507
- Human liver, multi-element determination, neutron activation analysis, specimen banking, voltammetry, 403

- Human organs, xenobiotics, specimen banking, 13
- Human samples, specimen bank, smelter workers, metals, 157
- Human tissues, specimen bank, Canada, environmental health, 109
- INAA, neutron activation analysis, RNAA, PGNAA, biological materials, specimen bank, fingerprint, 411
- Instrumental neutron activation analysis, marine mammals, specimen banking, trace elements, 365
- Iron, radiochemical NAA, cobalt, zinc, antimony, selenium, environmental samples, 421
- Leaching, pollutant, accumulation, biological specimens, dynamic, evaluation, 491
- Lead, arsenic, copper, non-ferrous metallurgy, vegetation sample back, 271
- Leafy food substances, specimen bank, secondary reference materials, trace elements, major elements, soil, voltammetry, 437
- Limnetic ecosystems, specimen banking, animal specimens, terrestrial ecosystems, German programme, 203
- Linear attenuation coefficient, specimen banking, photon transmission tomography, sample heterogeneity, temperature dependence, 515
- Liver, roe deer, bioindicators, contaminants, time of sampling, 237
- Major elements, specimen bank, secondary reference materials, trace elements, soil, leafy food substances, voltammetry, 437
- Manganese, spatial distribution, nickel, mussel, Gulf of Thailand, 297
- Marine ecotoxicology, mixed function oxygenase (MFO) activity, polycyclic aromatic hydrocarbons (PAH), Mediterranean sea, polychlorobiphenyls, 225
- Marine mammals, contaminant monitoring, quality assurance, specimen banking, standard networks, 97
- Marine mammals, environmental monitoring, organic contaminants, specimen banking, 1
- Marine mammals, instrumental neutron activation analysis, specimen banking, trace elements, 365
- Marine mammals, polychlorinated biphenyls (PCBs), chlorinated pesticides, chromatography, 323
- Mediterranean sea, marine ecotoxicology, mixed function oxygenase (MFO) activity, polycyclic aromatic hydrocarbons (PAH), polychlorobiphenyls, 225
- Metals, specimen bank, human samples, smelter workers, 157
- Mixed function oxygenase (MFO) activity, marine ecotoxicology, polycyclic aromatic hydrocarbons (PAH), Mediterranean sea, polychlorobiphenyls, 225
- Monitoring, cooling pond, phytoplankton, succession, blue-green algae, 287
- Monitoring, environmental specimen bank, cryogenic storage, bioaccumulation, analytical approach, 27
- Monitoring, environmental specimen bank, ecotoxicology, harmful substances, 37
- Multi-element determination, human liver, neutron activation analysis, specimen banking, voltammetry, 403
- Mussel, spatial distribution, nickel, manganese, Gulf of Thailand, 297
- Natural resources, conservation, biodiversity, Venezuela, 193
- Neutron activation analysis, human liver, multi-element determination, specimen banking, voltammetry, 403
- Neutron activation analysis, INAA, RNAA, PGNAA, biological materials, specimen bank, fingerprint, 411
- Nickel, spatial distribution, manganese, mussel, Gulf of Thailand, 297
- Non-ferrous metallurgy, arsenic, copper, lead, vegetation sample back, 271
- Normal human brain, elements, glioblastoma multiforme, 399
- North Sea Coast, bioindicator, herring gull eggs, chlorinated hydrocarbons, 387
- Organic contaminants, environmental mon-

- itoring, marine mammals, specimen banking, 1
- Organic tin, environmental specimen banking, environmental monitoring, storage experiment, retrospective analysis, 49
- Passive sampler, polycyclic aromatic hydrocarbons, air pollution, benzo[*a*]pyrene, 307
- Pesticides, polychlorinated biphenyls (PCBs), polychlorinated dibenzo-*p*-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), toxic equivalents, 347
- PGNAA, neutron activation analysis, INAA, RNAA, biological materials, specimen bank, fingerprint, 411
- Photon transmission tomography, specimen banking, sample heterogeneity, linear attenuation coefficient, temperature dependence, 515
- Phytoplankton, cooling pond, monitoring, succession, blue-green algae, 287
- Plasmid capture, DNA probes, environmental genes, 471
- Poisons control, clinical toxicology, environmental specimen bank, human body-burdens, 507
- Pollutant, accumulation, leaching, biological specimens, dynamic, evaluation, 491
- Pollution monitoring, environmental specimen banking, tropical countries, bioindicators, 139
- Pollution, biomonitoring, birds, feathers, heavy metals, 251
- Pollution, environmental specimen bank, contaminant monitoring, Sweden, 147
- Pollution, polychlorinated biphenyls, breast milk, babies, diathesis, 357
- Polychlorinated biphenyls (PCBs), chlorinated pesticides, marine mammals, chromatography, 323
- Polychlorinated biphenyls (PCBs), pesticides, polychlorinated dibenzo-*p*-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), toxic equivalents, 347
- Polychlorinated biphenyls, pollution, breast milk, babies, diathesis, 357
- Polychlorinated dibenzofurans (PCDFs), pesticides, polychlorinated biphenyls (PCBs), polychlorinated dibenzo-*p*-dioxins (PCDDs), toxic equivalents, 347
- Polychlorobiphenyls, marine ecotoxicology, mixed function oxygenase (MFO) activity, polycyclic aromatic hydrocarbons (PAH), Mediterranean sea, 225
- Polychlorinated dibenzo-*p*-dioxins (PCDDs), pesticides, polychlorinated biphenyls (PCBs), polychlorinated dibenzofurans (PCDFs), toxic equivalents, 347
- Polycyclic aromatic hydrocarbons (PAH), marine ecotoxicology, mixed function oxygenase (MFO) activity, Mediterranean sea, polychlorobiphenyls, 225
- Polycyclic aromatic hydrocarbons, passive sampler, air pollution, benzo[*a*]pyrene, 307
- Premorbid samples, serum-bank, cancer markers, environmental pollutants, consecutive serum samples, blood donors, 527
- Quality assurance, contaminant monitoring, marine mammals, specimen banking, standard networks, 97
- Radioactive contamination, fish, data bank, doses, 279
- Radiochemical NAA, iron, cobalt, zinc, antimony, selenium, environmental samples, 421
- Retrospective analysis, environmental chemicals, accumulation, effects, ecotoxicology, screening, 213
- Retrospective analysis, environmental specimen banking, environmental monitoring, storage experiment, organic tin, 49
- Retrospective, environment, future, environmental specimen bank, strategy, costs, 61
- RNAA, neutron activation analysis, INAA, PGNAA, biological materials, specimen bank, fingerprint, 411
- Roe deer, bioindicators, contaminants, liver, time of sampling, 237
- Sample heterogeneity, specimen banking, photon transmission tomography, linear

- attenuation coefficient, temperature dependence, 515
- Samples, specimen banking, environment, Slovakia, 143
- Screening, environmental chemicals, accumulation, effects, ecotoxicology, retrospective analysis, 213
- Seawater, cesium-137, fish, coastal waters, Brazil, 431
- Secondary reference materials, specimen bank, trace elements, major elements, soil, leafy food substances, voltammetry, 437
- Selenium, radiochemical NAA, iron, cobalt, zinc, antimony, environmental samples, 421
- Serum-bank, cancer markers, premorbid samples, environmental pollutants, consecutive serum samples, blood donors, 527
- Slovakia, specimen banking, environment, samples, 143
- Smelter workers, specimen bank, human samples, metals, 157
- Soil, specimen bank, secondary reference materials, trace elements, major elements, leafy food substances, voltammetry, 437
- Spatial distribution, nickel, manganese, mussel, Gulf of Thailand, 297
- Specimen bank, Great Lakes, 175
- Specimen bank, human samples, smelter workers, metals, 157
- Specimen bank, human tissues, Canada, environmental health, 109
- Specimen bank, neutron activation analysis, INAA, RNAA, PGNA, biological materials, fingerprint, 411
- Specimen bank, secondary reference materials, trace elements, major elements, soil, leafy food substances, voltammetry, 437
- Specimen banking, animal specimens, terrestrial ecosystems, limnetic ecosystems, German programme, 203
- Specimen banking, contaminant monitoring, marine mammals, quality assurance, standard networks, 97
- Specimen banking, environment, samples, Slovakia, 143
- Specimen banking, environmental monitoring, marine mammals, organic contaminants, 1
- Specimen banking, fish, homogenized tissue, 123
- Specimen banking, human liver, multi-element determination, neutron activation analysis, voltammetry, 403
- Specimen banking, human organs, xenobiotics, 13
- Specimen banking, instrumental neutron activation analysis, marine mammals, trace elements, 365
- Specimen banking, photon transmission tomography, sample heterogeneity, linear attenuation coefficient, temperature dependence, 515
- Specimen banking, surfactants, complexing agents, chemical analysis, environmental occurrence, effects on soil components, 479
- Spruce shoots, environmental specimen bank, biological reference materials, cryogenic homogenization, fingerprint, 447
- Standard networks, contaminant monitoring, marine mammals, quality assurance, specimen banking, 97
- Storage experiment, environmental specimen banking, environmental monitoring, retrospective analysis, organic tin, 49
- Strategy, environment, retrospective, future, environmental specimen bank, costs, 61
- Stress proteins, heat-shock proteins, biomarker, 459
- Succession, cooling pond, monitoring, phytoplankton, blue-green algae, 287
- Surfactants, complexing agents, chemical analysis, environmental occurrence, effects on soil components, specimen banking, 479
- Sweden, environmental specimen bank, contaminant monitoring, pollution, 147
- Temperature dependence, specimen banking, photon transmission tomography, sample heterogeneity, linear attenuation coefficient, 515

- Terrestrial ecosystems, specimen banking, animal specimens, limnetic ecosystems, German programme, 203
- Time of sampling, roe deer, bioindicators, contaminants, liver, 237
- Toxic equivalents, pesticides, polychlorinated biphenyls (PCBs), polychlorinated dibenzo-*p*-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), 347
- Trace elements, instrumental neutron activation analysis, marine mammals, specimen banking, 365
- Trace elements, specimen bank, secondary reference materials, major elements, soil, leafy food substances, voltammetry, 437
- Tropical countries, environmental specimen banking, pollution monitoring, bioindicators, 139
- Vegetation sample bank, arsenic, copper, lead, non-ferrous metallurgy, 271
- Venezuela, conservation, biodiversity, natural resources, 193
- Voltammetry, human liver, multi-element determination, neutron activation analysis, specimen banking, 403
- Voltammetry, specimen bank, secondary reference materials, trace elements, major elements, soil, leafy food substances, 437
- Xenobiotics, human organs, specimen banking, 13
- Zinc, radiochemical NAA, iron, cobalt, antimony, selenium, environmental samples, 421

